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Approved For Release 2000/09/06 : CIA-RDP78T05439A000200380037-2

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PHOTOGRAPHIC INTERPRETATION REPORT

S-9536

LAUNCH COMPLEXES A, B, E, AND G
KAPUSTIN YAR/VLADIMIROVKA
MISSILE TEST CENTER, USSR

Declass Review, NIMA/DoD



CIA



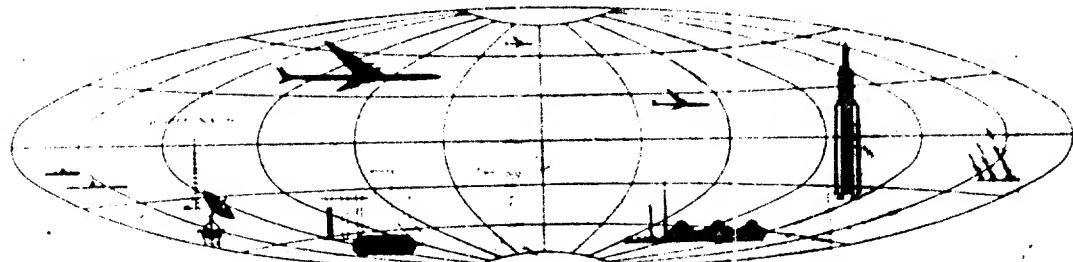
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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NPIC/R-156/63

LAUNCH COMPLEXES A, B, E, AND G
KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR

SUMMARY

25X1D This report, covering Launch Complexes A, B, E, and G of the Kapustin Yar/Vladimirovka Missile Test Center (48-34N 45-54E), is based primarily on KEYHOLE photography of [REDACTED]

25X1D [REDACTED] Few changes have been revealed at any of the complexes on KEYHOLE photography since the coverage on TALENT photography of [REDACTED]

25X1D A new troop training and support area has been built northwest of Launch Complex A; a new SA-2 SAM site is located at Launch Complex A; and two SA-2 SAM sites and an SA-0 SAM site have been constructed at Launch Complex G. A location map of the Kapustin Yar/Vladimirovka Missile Test Center is shown in Figure 1.

The small scale of the KEYHOLE photography restricts image definition and, accordingly, the mensural data in this report are approximations.

LAUNCH COMPLEX A

25X1D A thorough examination of the photography of [REDACTED] failed to reveal any items identifiable as missiles within the complex (Figure 2).

25X1D [REDACTED] the second ramp is served by a probable graded road. No new facilities have been added in the vicinity of the ramps since [REDACTED]

25X1D

LAUNCH AREA

25X1D The launch area, first observed in [REDACTED] remains unchanged and appears inactive. At that time it consisted of two launch pads (Figure 2, item 1A), about 100 feet square, with associated vehicle stalls. The expansion which took place prior to [REDACTED] consisted of two large earth-ramped structures (Figure 2, items 2A-1 and 2A-2). One of these structures (2A-1) was located within the confines of the original launch area. These structures measure 720 by 115 feet and 580 by 100 feet. The turning radii of roads serving these ramps vary from 60 to 100 feet, and road widths are approximately 20 feet. The all-weather road appears to end at the first ramp; [REDACTED] in the support area northwest of the launch area. Each building is approximately 120 by 80 feet. A third building, about 90 by 40 feet, was under construction in [REDACTED]

25X1D

25X1D

There have been two new buildings constructed since [REDACTED] in the support area northwest of the launch area. Each building is approximately 120 by 80 feet. A third building, about 90 by 40 feet, was under construction in [REDACTED]

25X1D

A revetted building, approximately 100 feet in length, is the probable assembly and checkout facility for Launch Complex A. It lies about 500 feet west of the support area. This structure existed in [REDACTED] Anelectric power substation is located just northwest of the building.

ASSEMBLY AND CHECKOUT AREA

A revetted building, approximately 100 feet in length, is the probable assembly and checkout facility for Launch Complex A. It lies about 500 feet west of the support area. This structure existed in [REDACTED] Anelectric power substation is located just northwest of the building.

25X1D

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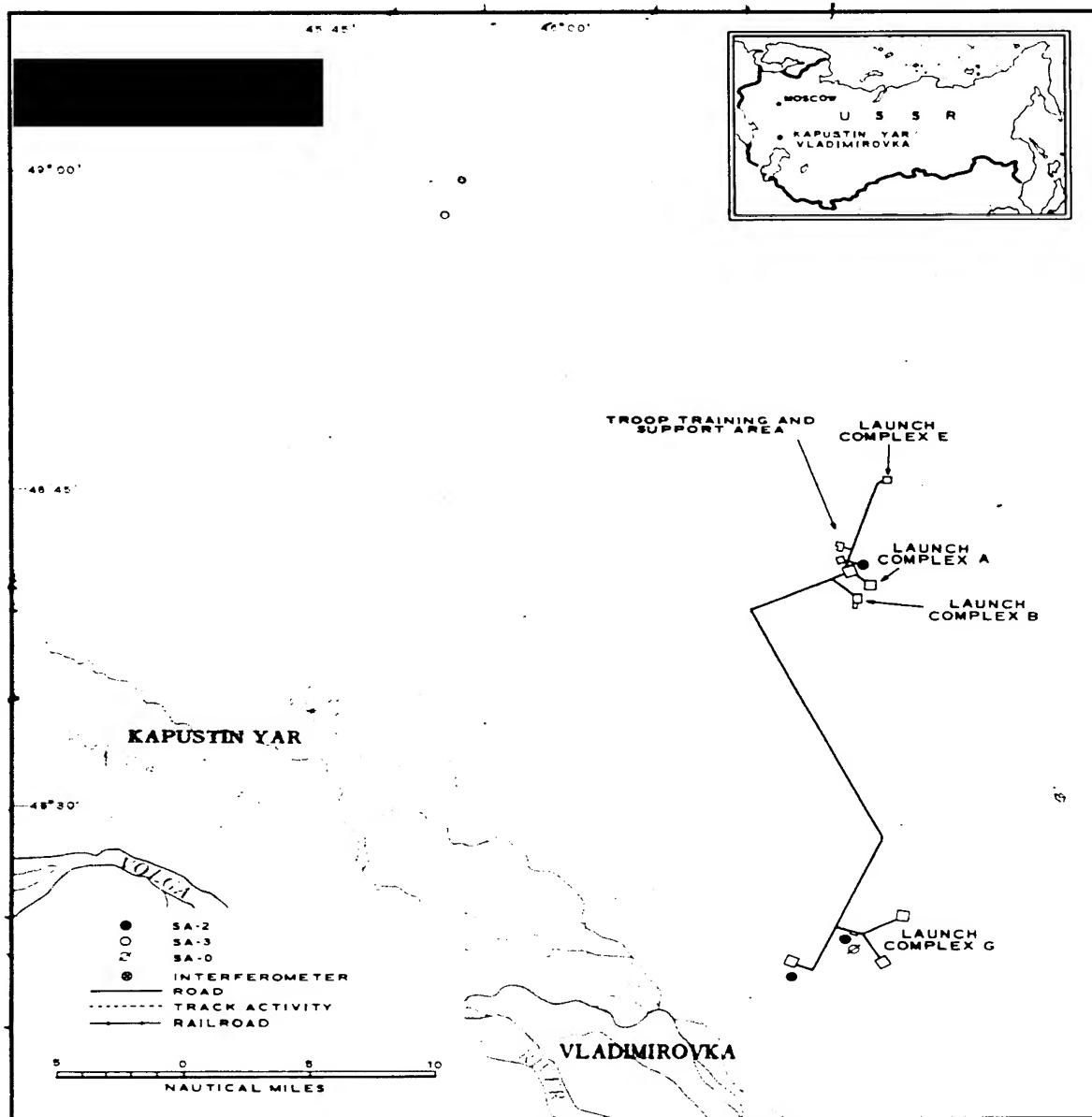


FIGURE 1. KAPUSTIN YAR VLADIMIROVKA MISSILE TEST CENTER.

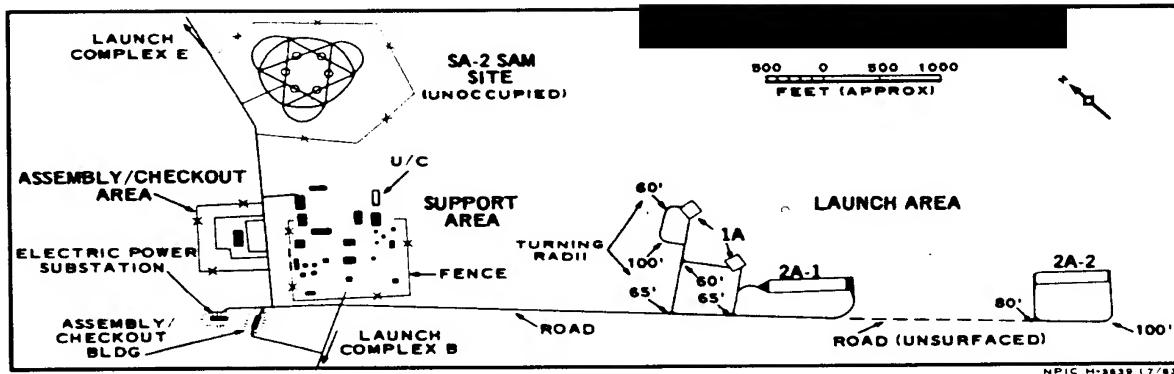
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25X1D

FIGURE 2. LAUNCH COMPLEX A.

The assembly and checkout area northwest of the support area serves Launch Complex E and may also serve Launch Complex A. It contains a large assembly/checkout building. No changes have been noted since [REDACTED]

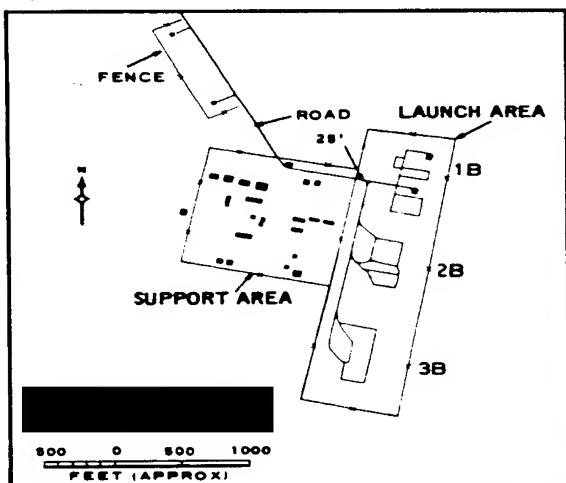
SAM SITE

An SA-2 SAM site has been constructed since [REDACTED]. It is approximately 1,000 feet northeast of the support area, and appears to be unoccupied.

25X1D

25X1D

LAUNCH COMPLEX B



25X1D

FIGURE 3. LAUNCH COMPLEX B.

This complex (Figure 3) probably is capable of supporting launchings of aerodynamic cruise missiles and small tactical ballistic missiles. No missiles were identified on the photography of [REDACTED]. A 45-to 50-foot object on the southern pad at Launch Area 1B may be a launcher.

25X1D

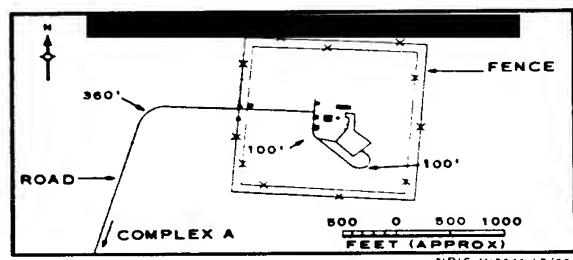


FIGURE 4. LAUNCH COMPLEX E.

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LAUNCH AREA

25X1D No apparent changes to the launch facilities have been made since [REDACTED]. The turn-

ing radius of the main road into the launch area is only about 25 feet. However, the turning radii of the roads entering each pad area average 90 to 100 feet. The road widths are 20 feet.

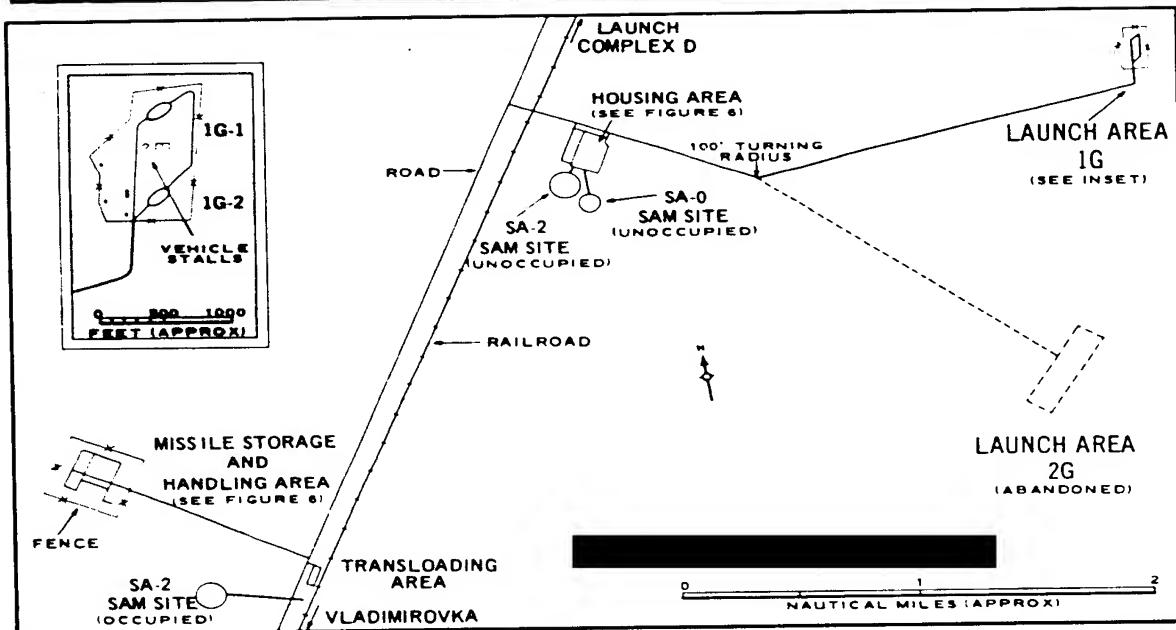


FIGURE 5. LAUNCH COMPLEX G [REDACTED]

25X1D

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SUPPORT AREA

Changes to the support area appear to be relatively insignificant. Four possible 60- to

70-foot-long structures have been added. A new security fence surrounds the area just northwest of the support area.

LAUNCH COMPLEX E

25X1D

There were no identifiable missiles in or around the launch complex (Figure 4) on the photography of [REDACTED]. No change has been made in the size (230 feet square) or configuration of the launch pad. A new build-

ing 75 by 30 feet has been erected north of the pad area. No other changes are evident since [REDACTED]. The road turning radius into the launch complex is 360 feet. Within the pad area the turning radii are 100 feet. 25X1D

LAUNCH COMPLEX G

25X1D

Launch Complex G (Figure 5) is considered to be a troop training facility for field-type MRBM firings. Launch Area 1G was still under construction in [REDACTED] and Launch Area 2G contained three active field

training positions. As of [REDACTED] all elements of the complex appeared complete. However, Launch Area 2G appeared inactive and there was a lack of activity in the vicinity of Launch Area 1G and at the housing area. 25X1D

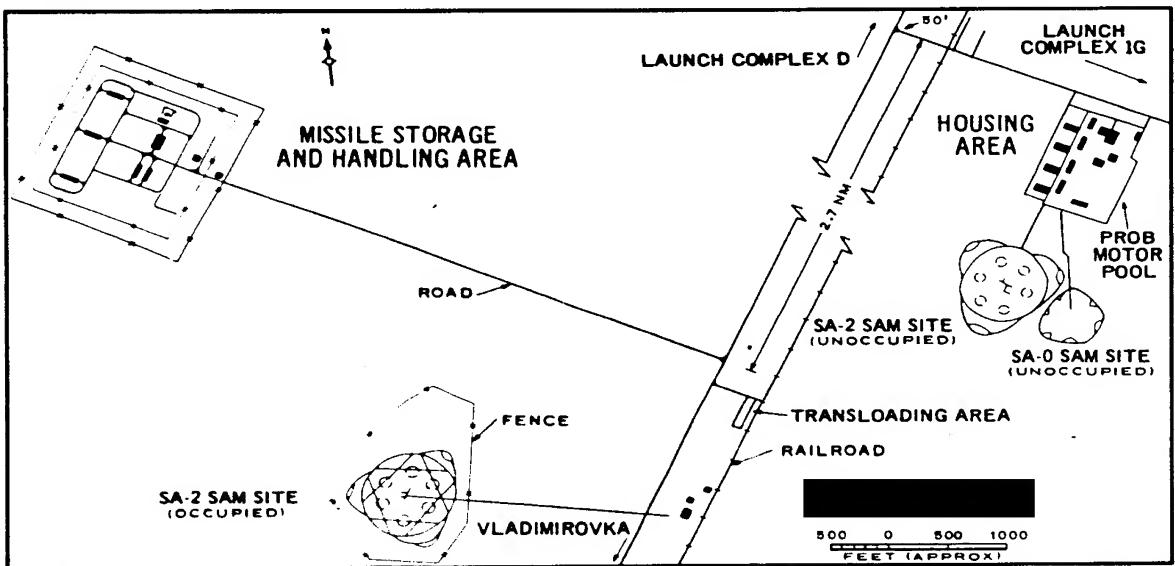


FIGURE 6. LAUNCH COMPLEX G, HOUSING AREA AND MISSILE STORAGE AND HANDLING AREA.

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LAUNCH AREA 1G

Launch Area 1G is enclosed within a security fence. There are two launch pads with an 805-foot separation and a perpendicular orientation of 100 degrees. The roads serving the pads approach at angles of 60 degrees. Launch pad 1G-1, on the north, is 190 by 150 feet and launch pad 1G-2, on the south, 150 by 130 feet in size. Both appear to be hard surfaced. Three probable vehicle stalls, each approximately 45 by 15 feet, are located between the pads.

Road widths into the launch area and pad 1G-1 average 18 to 20 feet. The road serving pad 1G-2 is approximately 10 feet wide. A loop road between the pads is about 10 feet wide, and appears to have only a graded surface.

Pad 1G-1 appears to be the principal launch position at Launch Complex G.

HOUSING AREA

Troop housing (Figure 6) appears completed, and all structures under construction in [REDACTED] have been completed. A new building similar in size to the majority of the buildings has been added. There is also a probable motor pool adjacent to the building area.

MISSILE STORAGE AND HANDLING AREA

This facility (Figure 6), about 2.5 nautical miles (nm) west-southwest of the housing area, is basically unchanged since [REDACTED]. However, two sections of roadway have been added.

SAM SITES

An occupied operational SA-2 SAM site, new since [REDACTED] is located about

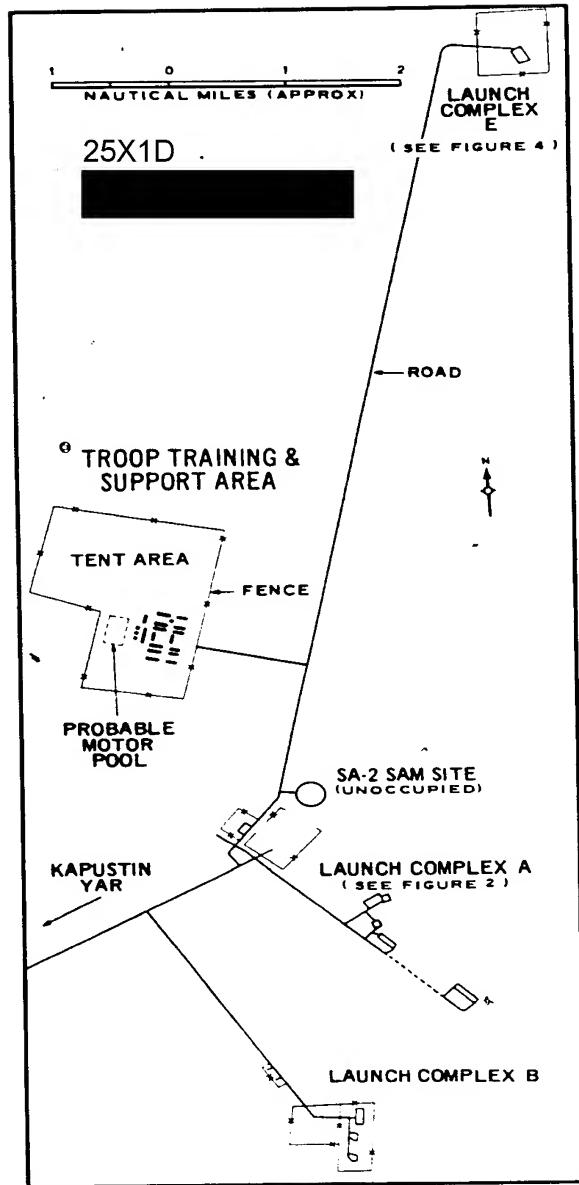


FIGURE 7. TROOP TRAINING AND SUPPORT AREA.

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4,000 feet south-southeast of the missile storage and handling area. The site lies within a security fence.

There are two new SAM sites adjacent

to the housing area; one is an unoccupied SA-2 site with completed revetments, and the other an unoccupied SA-0 site with pads on the perimeter road.

TROOP TRAINING AND SUPPORT AREA

The new troop training and support area (Figure 7) lies approximately one nm northwest of Launch Complex A and 3.3 nm southwest of Launch Complex E. It includes a probable motor pool, a large area for temporary camping, and the following buildings:

17 two-story buildings, each 150 by 30 feet
1 three-story building, 100 by 30 feet
1 two- to three-story building, 360 by 30 feet

Total floor space is estimated to be in excess of 170,000 square feet. The permanent facilities probably house approximately 1,500 troops.

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REFERENCES

PHOTOGRAPHY

<u>Mission</u>	<u>Date</u>	<u>Pass</u>	<u>Camera</u>	<u>Frames</u>	<u>Classification</u>
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MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0235-22AL, 3d ed, May 60, scale 1:200,000 (SECRET)

RELATED DOCUMENTS

25X1D NPIC. R-6 '61, Kapustin Yar/Vladimirovka Missile Test Center, USSR, Changes [REDACTED] Oct 61 (TOP SECRET RUFF)

25X1C CIA. PIC/JR-1005 '61, Launch Complex E Surface-to-Surface Missile Facilities, Kapustin Yar/Vladimirovka Missile Test Center, USSR, Feb 61 (SECRET NoFORN) [REDACTED]

25X1C NPIC. R-1162/63, Launch Complex B Kapustin Yar/Vladimirovka Missile Test Center, USSR, Mar 63 (SECRET No Foreign Dissem) [REDACTED]

25X1C CIA. PIC/JR-1006 '61, Launch Complex G Surface-to-Surface Missile Facilities, Kapustin Yar/Vladimirovka Missile Test Center, USSR, Mar 61 (SECRET NoFORN) [REDACTED]

REQUIREMENT

CIA. OSI R-83/62KH

NPIC PROJECT

JN-127 '62 (partial answer)